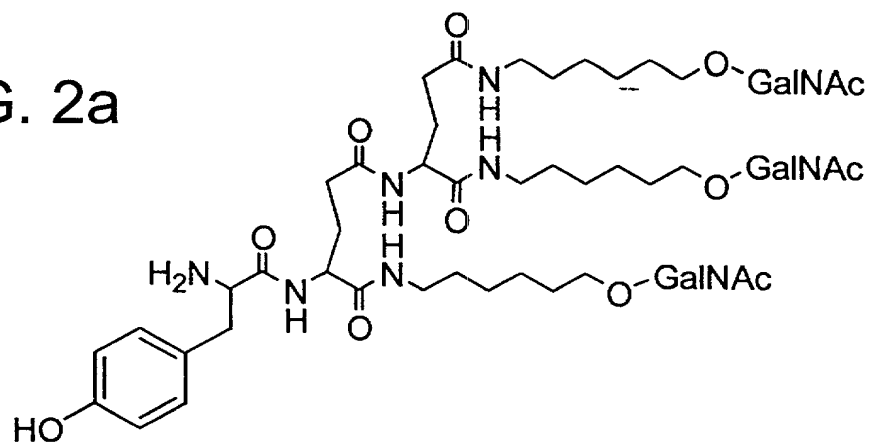
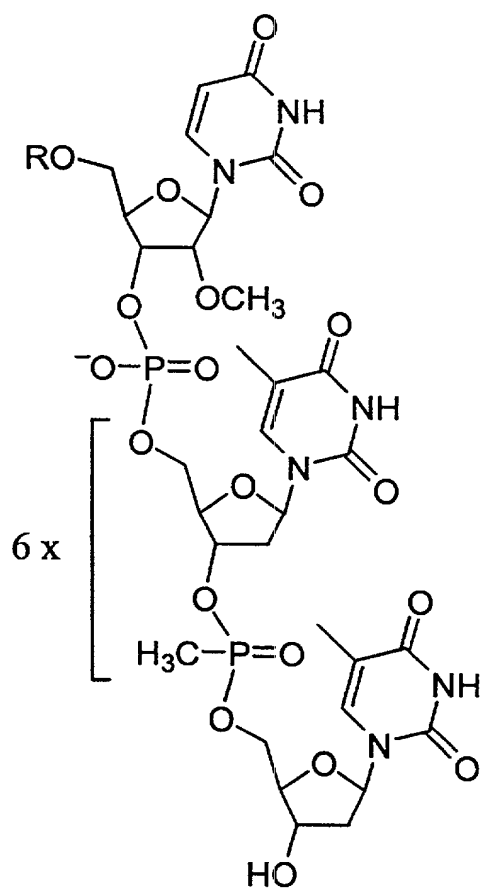


FIG. 2a



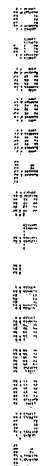
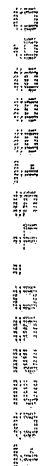
5

FIG. 2b



6a R = H

6b R = $\text{--}\overset{\text{O}}{\underset{\text{O}^-}{\text{P}}}\text{--}\overset{\text{H}}{\text{N}}\text{--}\text{CH}_2\text{CH}_2\text{NH}_3^+$

[illegible][illegible]

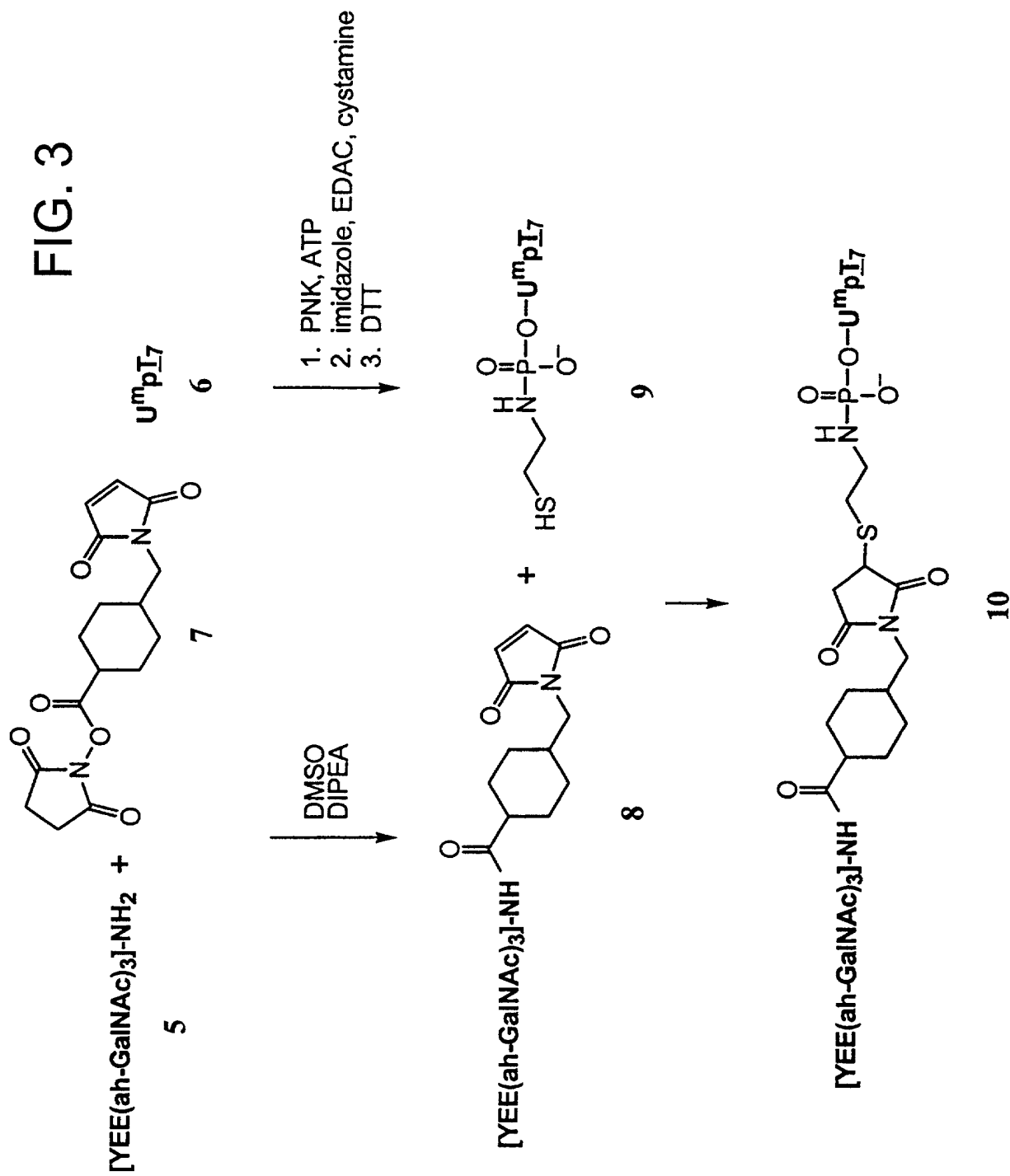


FIG. 4

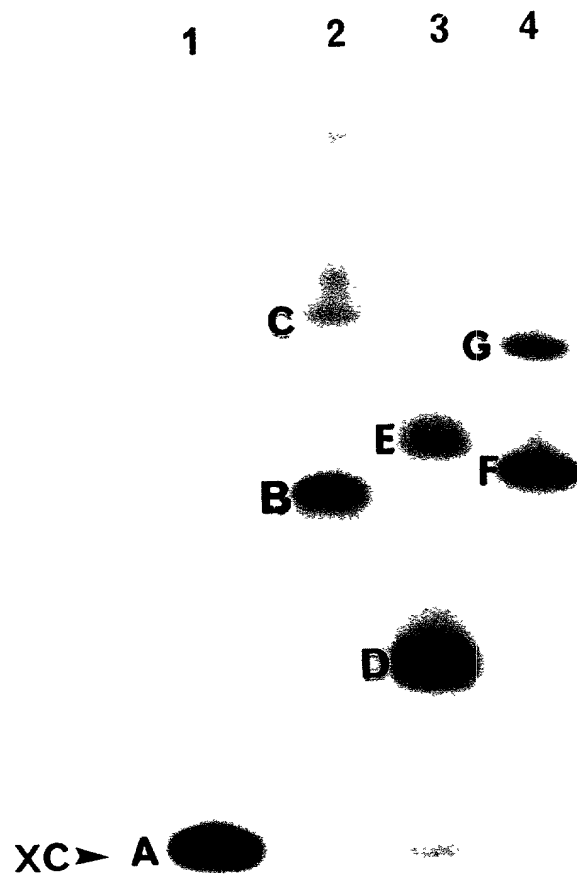
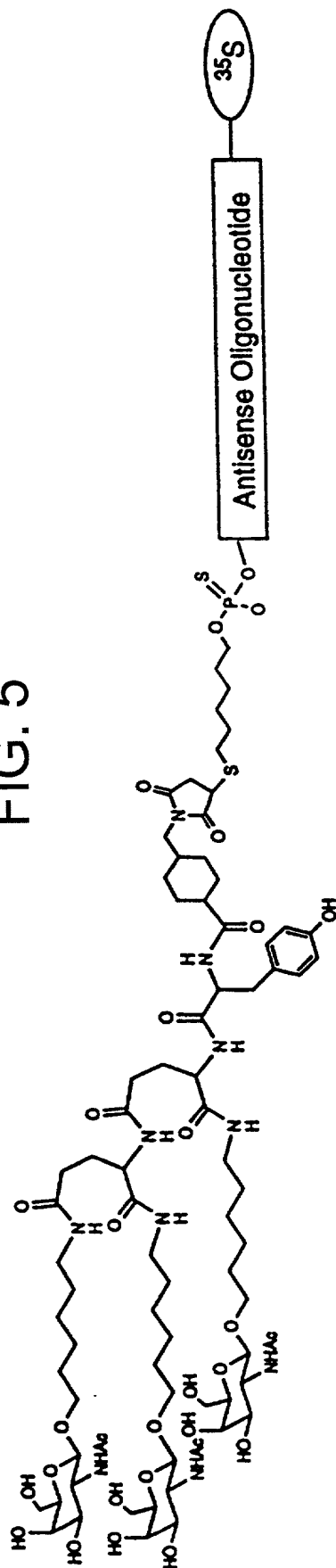


FIG. 5



Antisense Oligonucleotide

where is either

GTT CTC CAT GTT CAG

TTT ATA AGG GTC GAT GTC CAT

AAA GCC ACC CAA GGC A

TGA GCT ATG CAC ATT CAG ATT T

NG1

NG2

NG3

NG4

Surface Antigen

Core

Encapsulation

Random

^{35}S where $-\{^{35}\text{S}\}\text{-ps}\cdot\text{A}\}_{n \text{ } n=1.3}$

FIG. 6

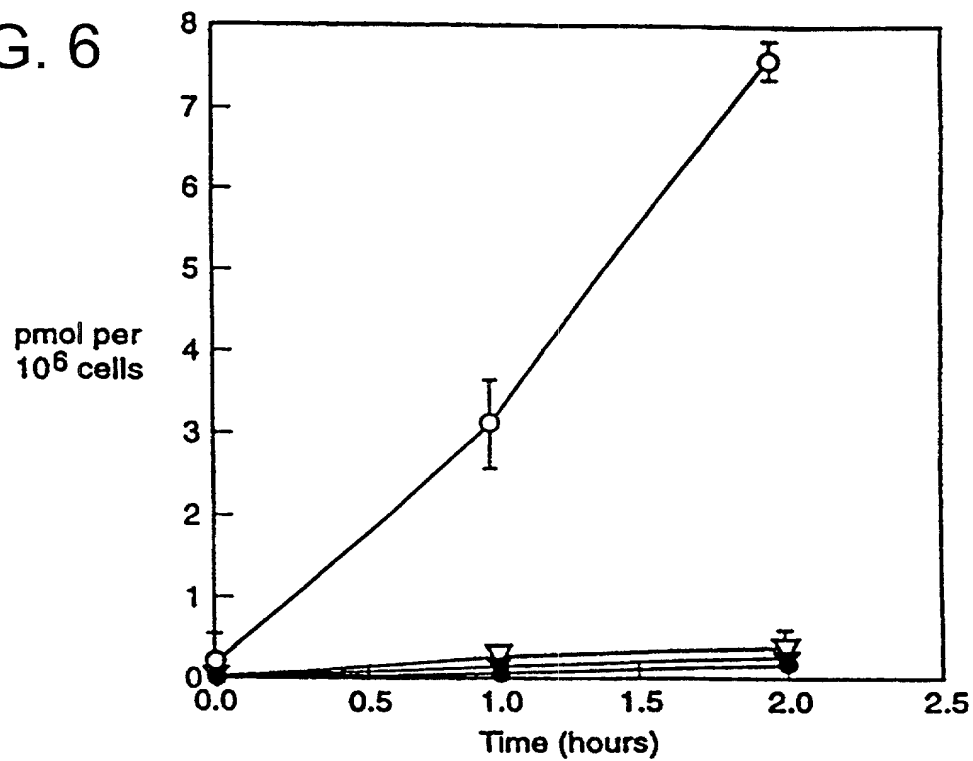


FIG. 7

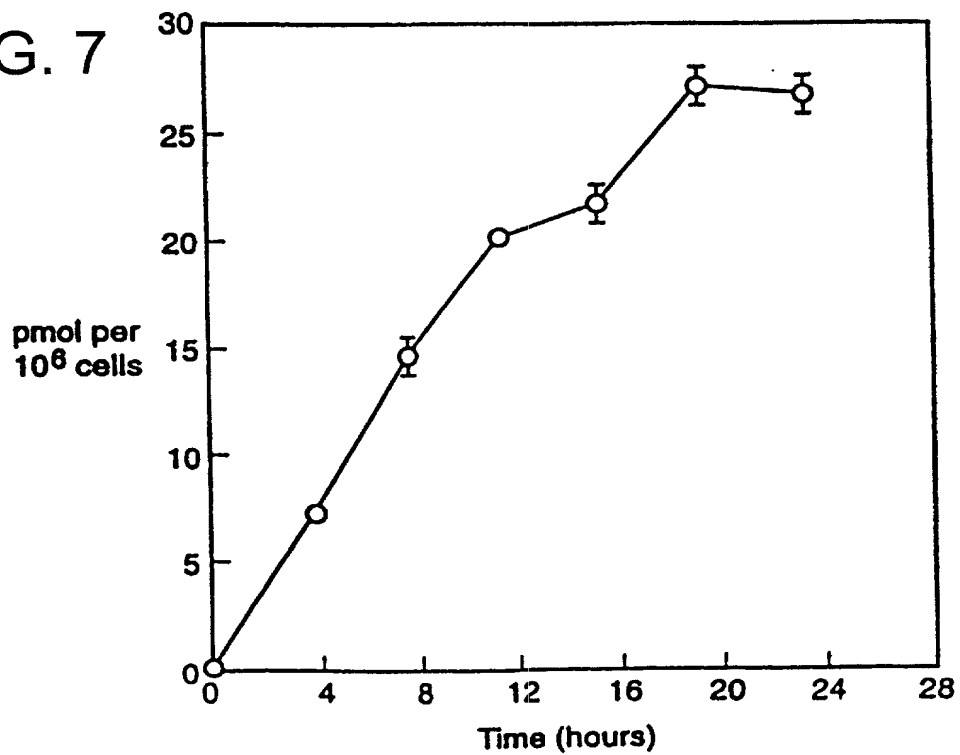
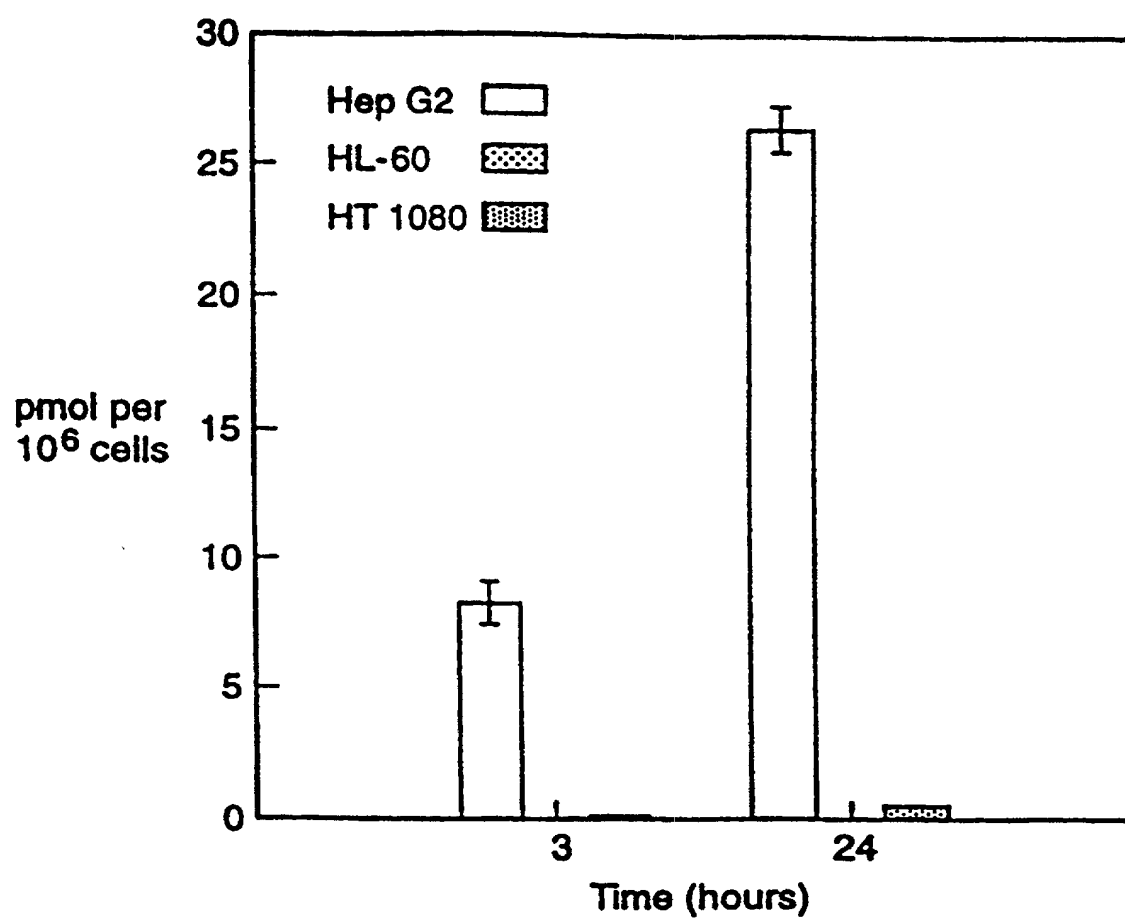


FIG. 8



NUCLEASE RESISTANT NEOGLYCOCONJUGATE UPTAKE BY HEP G2 CELLS

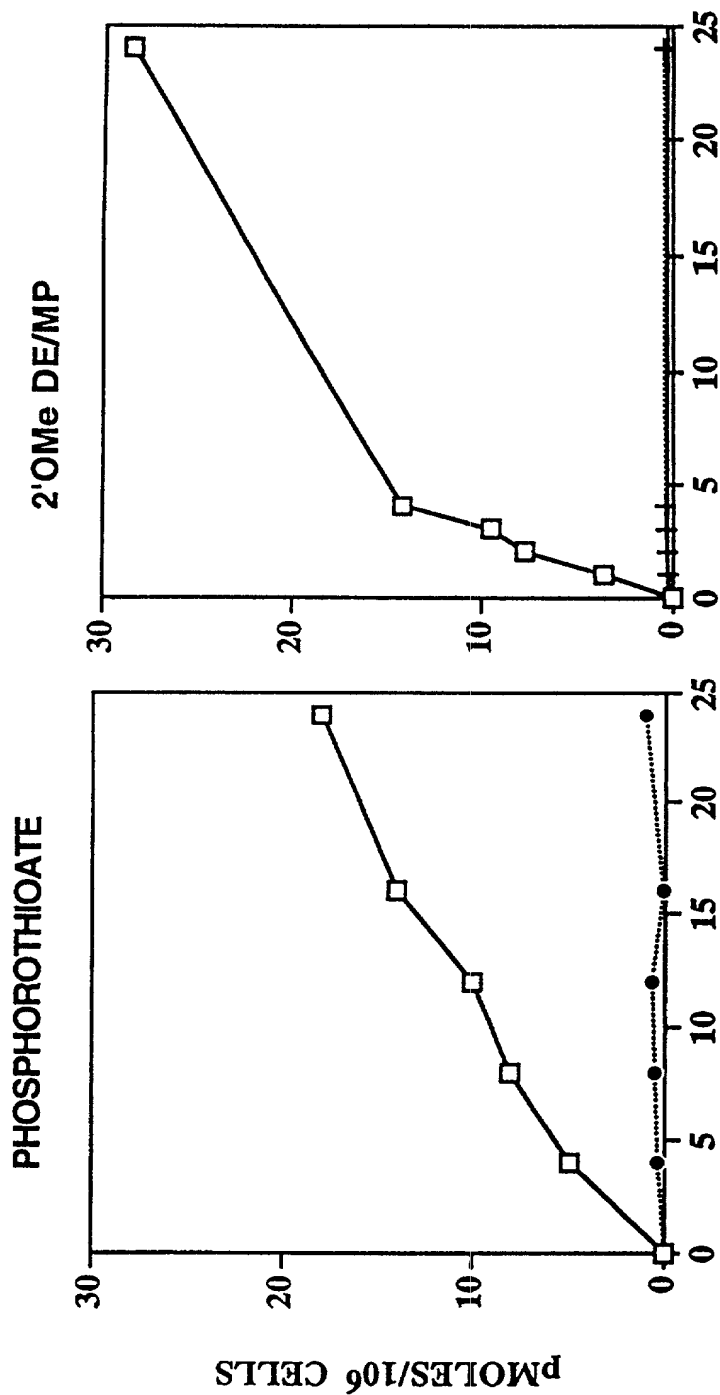


FIG. 9a

—□— NEOGLYCOCONJUGATE
.....+..... OLIGOMER

FIG. 10
NUCLEASE RESISTANT NEOGLYCONJUGATE UPTAKE
BY HEP G2 2.2.15 CELLS

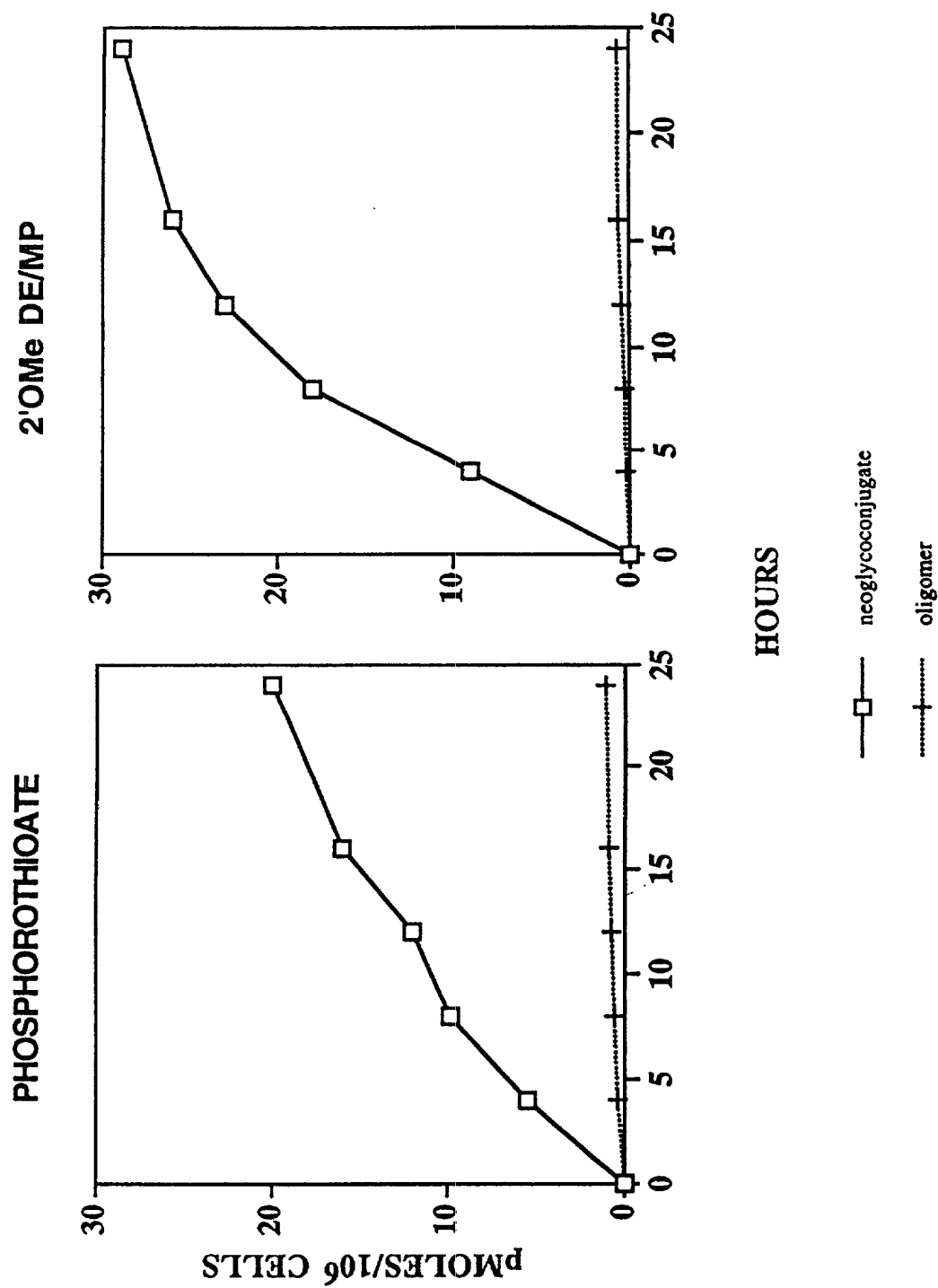


FIG. 11

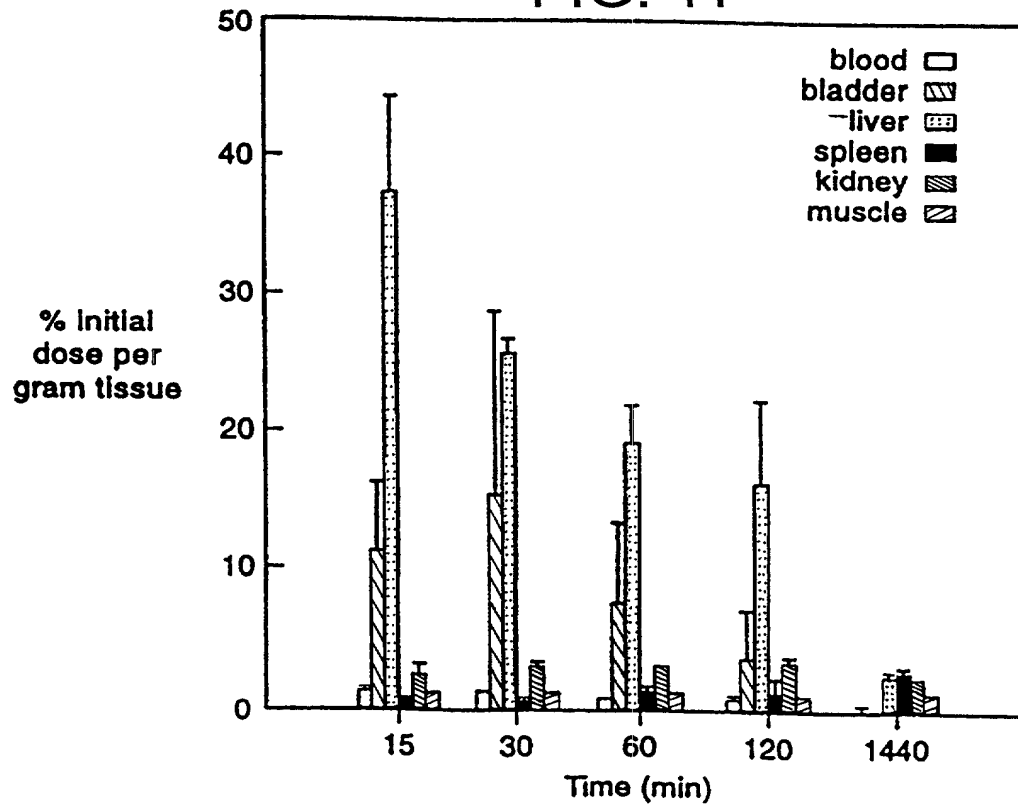
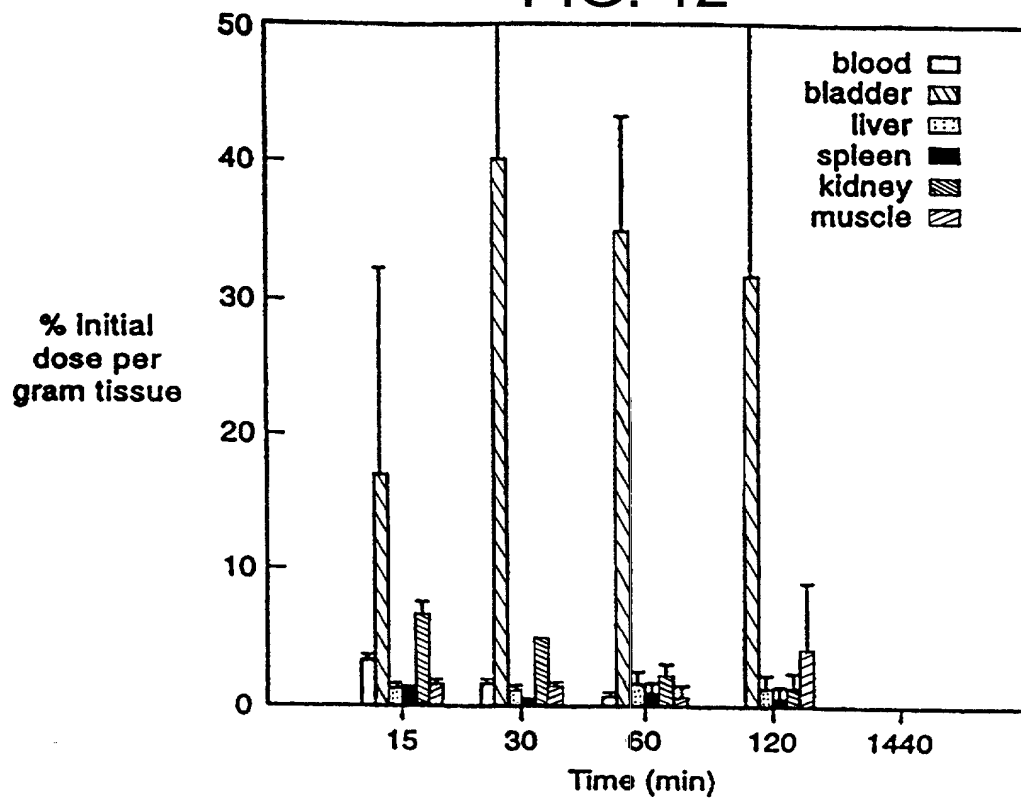


FIG. 12



Tissue Distribution in Mice of {S-35}-Labeled
Antisense Phosphorothioate Oligomer Against HBV

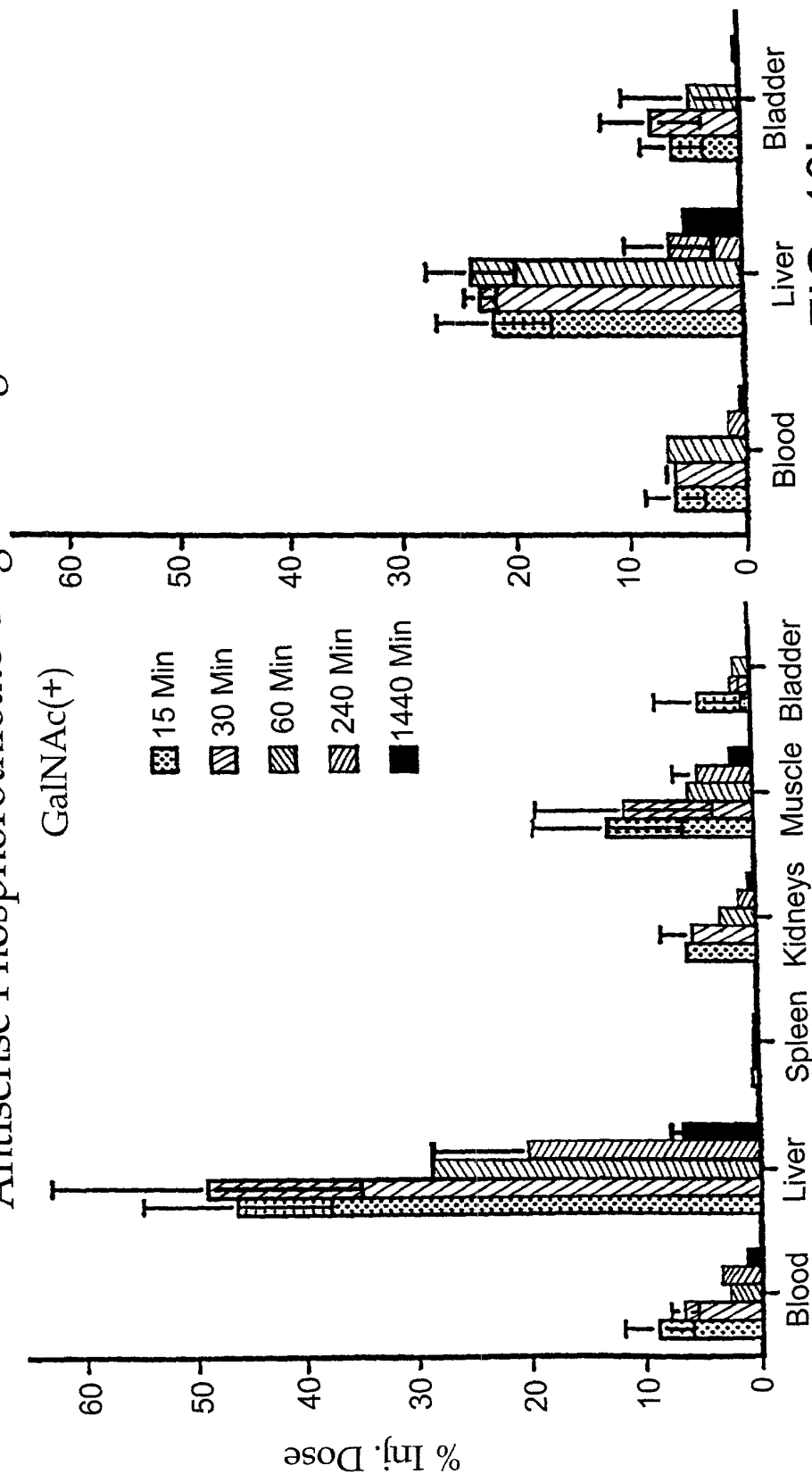


FIG. 13a

FIG. 13b

FIG. 14

1 2 3 4 5 6 7 8

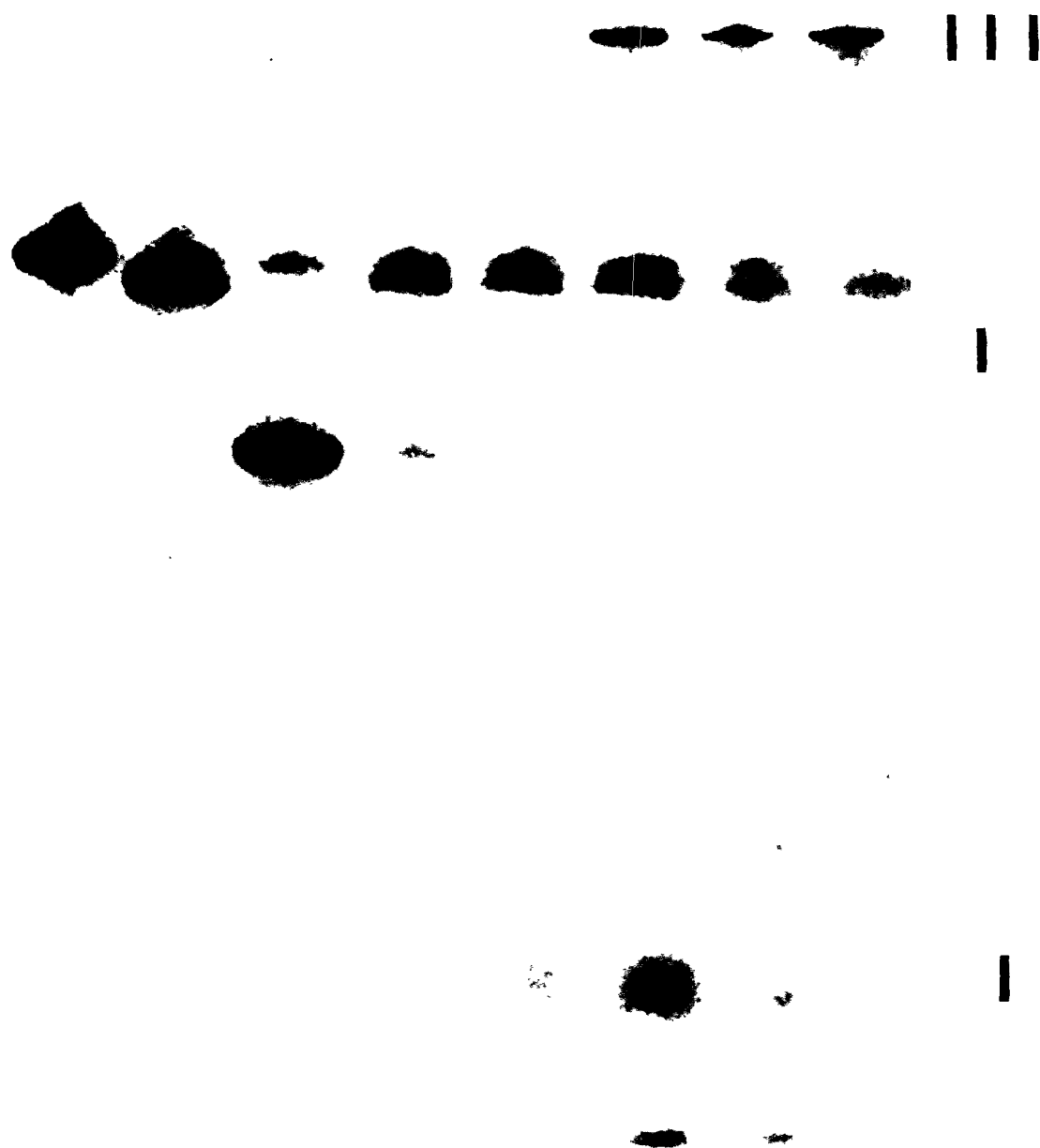
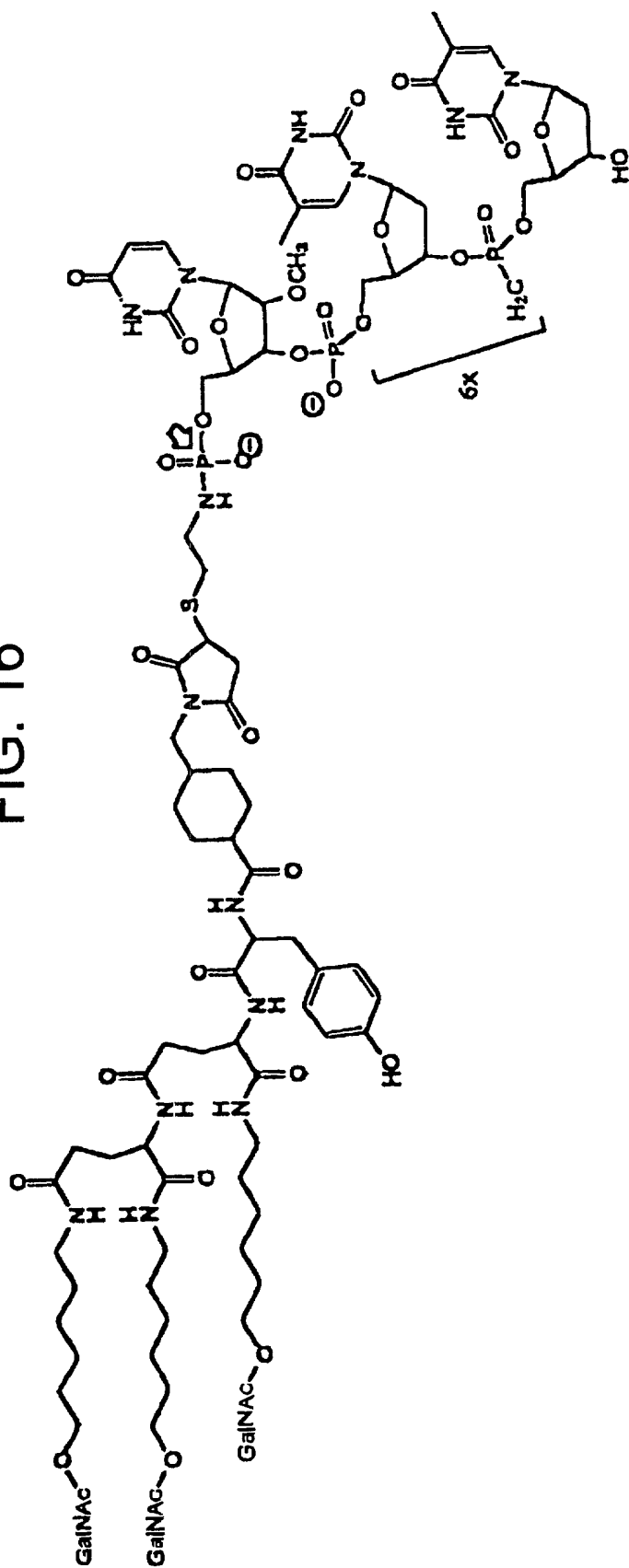


Figure 1 consists of 12 bar charts, labeled (a) through (l), each representing a different variable. Each chart compares two groups: 'No' (represented by white bars) and 'Yes' (represented by black bars). The y-axis for all charts represents the percentage of respondents, ranging from 0 to 100.

- (a) Age:** The x-axis shows age groups: 18-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, 85-94. The 'Yes' group is generally higher in the older age groups.
- (b) Sex:** The x-axis shows Male and Female. The 'Yes' group is slightly higher for Males.
- (c) Education:** The x-axis shows Less than High School, High School, Some College, College, Graduate School. The 'Yes' group is generally higher for higher education levels.
- (d) Income:** The x-axis shows Less than \$10,000, \$10,000-\$19,999, \$20,000-\$29,999, \$30,000-\$39,999, \$40,000-\$49,999, \$50,000-\$59,999, \$60,000-\$69,999, \$70,000-\$79,999, \$80,000-\$89,999, \$90,000-\$99,999, \$100,000+. The 'Yes' group is generally higher for higher income levels.
- (e) Employment:** The x-axis shows Unemployed, Part-time, Full-time. The 'Yes' group is higher for Full-time employment.
- (f) Religion:** The x-axis shows No Religion, Christianity, Islam, Hinduism, Buddhism, Judaism, Sikhism, Other. The 'Yes' group is higher for Christianity.
- (g) Political Party:** The x-axis shows No Party, Democrat, Republican, Independent, Other. The 'Yes' group is higher for Democrat.
- (h) Marital Status:** The x-axis shows Single, Married, Divorced, Widowed. The 'Yes' group is higher for Married.
- (i) Number of Children:** The x-axis shows 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10+. The 'Yes' group is higher for 0 children.
- (j) Number of Siblings:** The x-axis shows 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10+. The 'Yes' group is higher for 0 siblings.
- (k) Number of Pets:** The x-axis shows 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10+. The 'Yes' group is higher for 0 pets.
- (l) Number of Vehicles:** The x-axis shows 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10+. The 'Yes' group is higher for 0 vehicles.

FIG. 16



10: YEE(ahGalNAc)₃-SMCC-AET-pU^mpL₇

11: YEE(ah)₃-SMCC-AET-pU^mpL₇

12: [Y]-SMCC-AET-pU^mpL₇

13: pU^mpL₇

14: YEE(ahGalNAc)₂-SMCC-AET-pU^mpL₇

15: YEE(ahGalNAc)₃-SMCC-AET-pU^m

FIG. 18

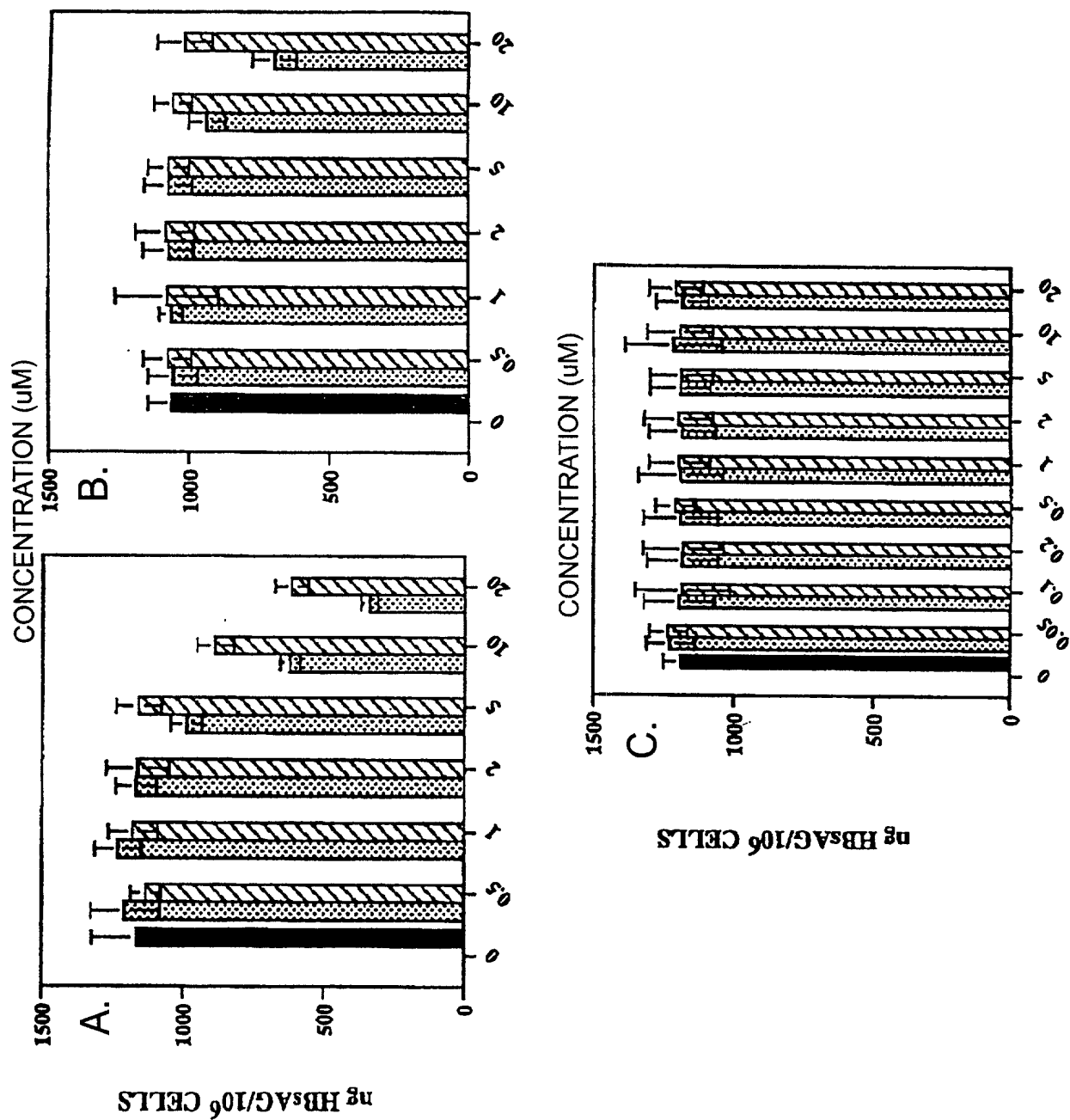


FIG. 19

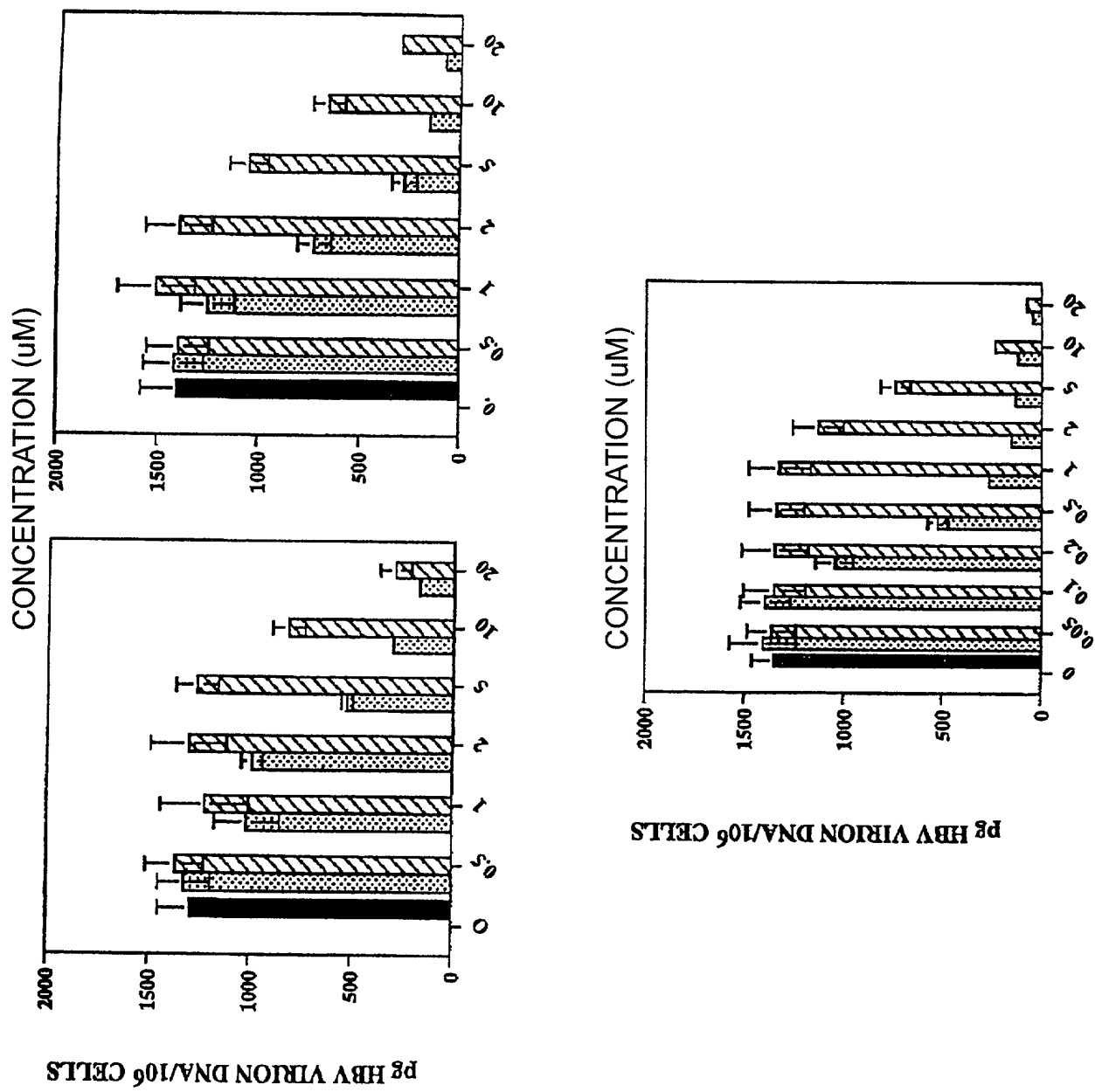


FIG. 20

